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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. 990356CIPC1 | SERIAL NO. UNKNOWN |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT ETIENNE CHAPONNIERE ET AL. | |
| DATE MAILED: 02/04/2002 | | FILING DATE HEREWITH | GROUP 2684 |



U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPRO- PRIATE |
|---------------------|-----------|-----------------|------------|---------------------------|-------|--------------|------------------------------------|
| C.C. | A1 | 3 3 5 1 8 5 9 | 11/07/1967 | E.J.GROTH, JR., ET AL. | | | |
| C.C. | A2 | 4 1 1 2 2 5 7 | 09/05/1978 | EDWARD G. FROST | | | |
| C.C. | A3 | 4 2 2 2 1 1 5 | 09/09/1980 | GEORGE R. COOPER , ET AL. | | | |
| C.C. | A4 | 4 2 9 1 4 1 0 | 09/22/1981 | EDGAR L. CAPLES, ET AL. | | | |
| C.C. | A5 | 4 6 3 0 2 8 3 | 12/16/1986 | LEONARD N. SCHIFF | | | |
| C.C. | A6 | 4 6 6 9 0 9 1 | 05/26/1987 | EDWARD J. NOSSEN | | | |
| C.C. | A7 | 4 6 7 2 6 5 8 | 06/09/1987 | MOHSEN KAVEHRAD, ET AL | | | |
| C.C. | A8 | 4 6 9 4 4 6 7 | 09/15/1987 | SHOU Y. MUI | | | |
| C.C. | A9 | 4 7 1 0 9 4 4 | 12/01/1987 | EDWARD J. NOSSEN | | | |
| C.C. | A10 | 4 7 3 6 4 6 0 | 04/05/1988 | KENNETH RILLING | | | |
| C.C. | A11 | 4 7 5 2 9 6 9 | 06/21/1988 | KENNETH RILLING | | | |
| C.C. | A12 | 4 7 6 5 7 5 3 | 08/23/1988 | WERNER SCHMIDT | | | |
| C.C. | A13 | 4 7 9 7 9 5 0 | 01/10/1989 | KENNETH RILLING | | | |
| C.C. | A14 | 5 2 2 6 0 4 5 | 07/06/1993 | Chuang | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS |
|---------------------|-----------|-----------------|------------|---------|--|-------|--------------|
| C.C. | B1 | 9 9 1 2 3 0 4 | 03/11/1999 | WO | Telefonaktiebolaget LM Ericsson, Stockholm (SE) | | |
| | B2 | | | | | | |
| | B3 | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

| | | |
|--------------------|----|----------------------------|
| | C1 | |
| | | |
| | C2 | |
| EXAMINER C.CHOW | | DATE CONSIDERED 12/4/03 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.